

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
4 March 2004 (04.03.2004)

PCT

(10) International Publication Number
WO 2004/018899 A1

(51) International Patent Classification⁷: F16F 15/32

(21) International Application Number: PCT/BR2003/000092

(22) International Filing Date: 10 July 2003 (10.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: PI0203372-0 23 August 2002 (23.08.2002) BR

(71) Applicant (for all designated States except US): MERTOR DO BRASIL LTDA. [BR/BR]; Avenida Major José Levy Sobrinho, 2700A, CEP-13486-925 Limeira, SP (BR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FRANCIS-CHEITTI, Evandro, Luis [BR/BR]; Rua Agenor Ferreira de Camargo, 100, Limeira -SP (BR). GOSSER, Nelson, Jr. [BR/BR]; Rua Padre João, 194, Piracicaba-SP (BR).

(74) Agent: DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA; Caixa Postal 2142, Rua Marquês de Olinda, 70, 22251-040-Rio de Janeiro, RJ (BR).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

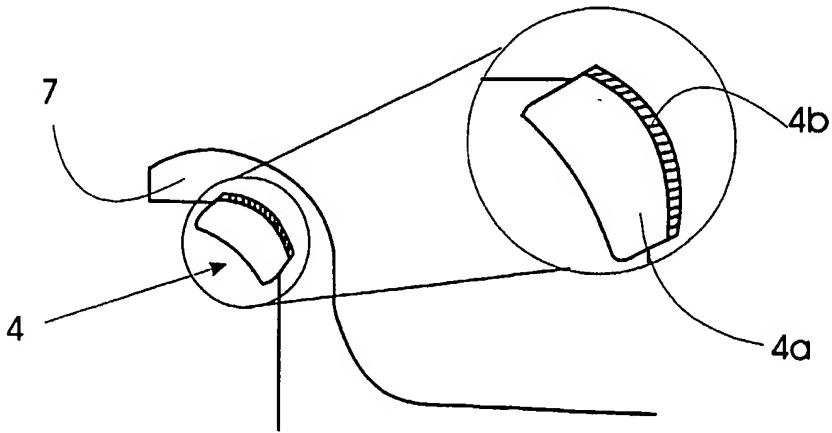
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A BALANCE WEIGHT, A WHEEL, A WHEEL RIM AND A WHEEL DISC



WO 2004/018899 A1

(57) Abstract: A balance weight is described, especially for use on automotive vehicles, comprising at least one body (4, 4c) and at least one magnetic element (4b, 6a). The present invention also relates to a wheel, a wheel rim and a wheel disc for use with the present balance weight.